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A B S T R A C T

An electronic apparatus has a first radio module configured to use a first frequency band, a second radio module configured to use a second frequency band which is different from the first frequency band, an antenna coupled to both the first radio module and the second radio module, a dielectric material, and a mechanism configured to relatively move the dielectric material with respect to said antenna so that an interval between the antenna and the dielectric material is changed between a first interval for the first radio module and a second interval for the second radio module.